

Converting Colors

Hex(0E0EB8)

Have a look what the booklet for
Hex(0E0EB8) contains.

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Color

Hex(0E0EB8)

Conversions

Conversions Part 1

Format	Color
Hex	0E0EB8
RGB	14, 14, 184
RGB Percent	5%, 5%, 72%
CMY	0.9451, 0.9451, 0.2784
CMYK	0.92, 0.92, 0.00, 0.28
HSL	240°, 86%, 39%
HSV	240°, 92%, 72%
XYZ	8.9899, 3.8681, 45.6202
YIQ	33.3800, -54.5700, 52.8700

Conversions

Conversions Part 2

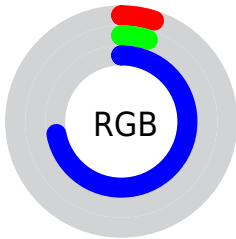
Format	Color
RYB	14, 14, 184
Decimal	921272
CIELab	23.23, 58.71, -82.02
CIELCh	23, 100.867, 305.598
Yxy	3.8681, 0.1537, 0.0661
Android (android.graphics.Color)	4279111352 (0xFF0E0EB8)
YUV	33.3800, 74.2557, -16.9963
Hunter-Lab	19.6676, 47.1726, -123.7598

Details

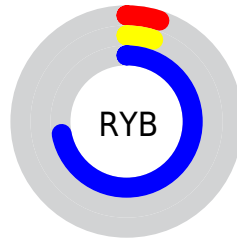
The Hex color **0E0EB8** is a dark color, and the websafe version is hex **3300CC**. A complement of this color would be **B8B80E**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **6743F2**, and **000081** is the 20% darker color. If you saturate the color by 10%, you get **0000B8**, and if you desaturate by 10%, it is **2020B8**.

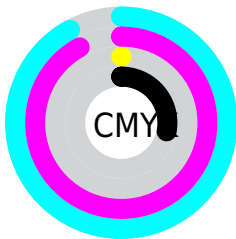
Distribution



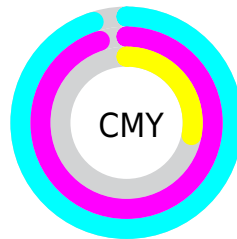
- Red (5%)
- Green (5%)
- Blue (72%)



- Red (5%)
- Yellow (5%)
- Blue (72%)



- Cyan (92%)
- Magenta (92%)
- Yellow (0%)
- Black (28%)



- Cyan (95%)
- Magenta (95%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0E0EB8 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 0E0EB8 by changing the saturation by 10% instead.


 0E0EB8

 0E0EB8

FFFFFF

 00009C

 6743F2

 000081

 875DFF

 000067

 A677FF

 000A4E

 C592FF

 000536

 E4ADFF

 000220

 FFC9FF

 000003

 FFE6FF

 000000

 0E0EB8

 0E0EB8

■ 0000B8

■ 2020B8

■ 3333B8

■ 4545B8

■ 5858B8

■ 6A6AB8

■ 7C7CB8

■ 8F8FB8

■ A1A1B8

■ B4B4B8

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



0044D7



0E0EB8



930078

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



0E0EB8



730C00



004D45

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



0E0EB8



B8B80E

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



004B00



0E0EB8



383A00

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



0E0EB8



9C0000



004700



005091

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



0E0EB8



A90046



004700



004D2A

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



0E0EB8



ADADF0



0EB8B8



4F4F78



F7F7F7



787878

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



0E0EB8



0000F0



630EB8



53535C



00009C



00001C

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



B80EB8



F000F0



63B80E



5C535C



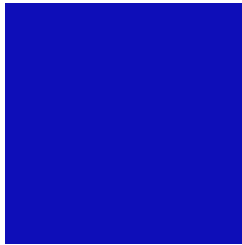
9C009C



1C001C

Previews

White Background



This preview shows how the Hex color 0E0EB8 looks on a white background.

Color Contrast Check

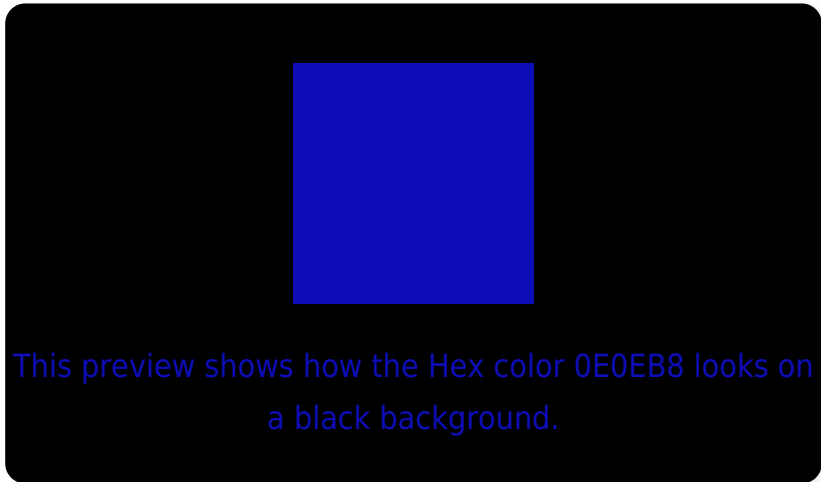
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

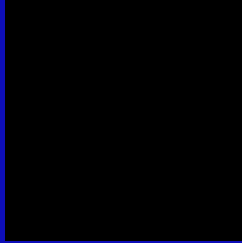
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 0E0EB8 Background



This preview shows how black text looks on a background with the Hex color 0E0EB8.



This preview shows how white text looks on a background with the Hex color 0E0EB8.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
0E0EB8

Protanopia
003773

Deuteranopia
003B61



Tritanopia
003F42

Trichromacy



Original Color
0E0EB8

Protanomaly
05288C

Deuteranomaly
052B81

Tritanomaly
052D6D

Monochromacy



Original Color
0E0EB8

Achromatopsia
212121

Achromatomaly
1A1A58

CSS Examples

Text

The CSS property to change the color of the text to Hex 0E0EB8 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #0E0EB8 looks like.

```
.text, #text, p{  
    color:#0E0EB8  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #0E0EB8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0E0EB8
}
```

Border

The CSS property to change the border of an element to Hex 0E0EB8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0E0EB8 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#0E0EB8 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #0E0EB8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0E0EB8; -webkit-box-shadow:4px 4px  
4px 4px #0E0EB8; box-shadow:4px 4px 4px  
4px #0E0EB8 }
```

Background

The CSS property to change the background color of an element to Hex 0E0EB8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0E0EB8 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#0E0EB8 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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